| POSITION                  | INITIALS | ID NO. | DATE     |  |  |
|---------------------------|----------|--------|----------|--|--|
| FEE DETERMINATION         | ioh !    |        | X1150    |  |  |
| O.I.P.E. CLASSIFIER       | 1/       |        | 16-6-0   |  |  |
| FORMALITY REVIEW          | AX-      | 70900  | 65-17-01 |  |  |
| RESPONSE FORMALITY REVIEW |          | 709    |          |  |  |

## INDEX OF CLAIMS

| ~ | Rejected                   | N   | Non-elected  |
|---|----------------------------|-----|--------------|
| = | Allowed                    | - 1 | Interference |
| _ | (Through numeral) Canceled | · A | Appeal       |
| ÷ | Restricted                 | 0   | Ohiected     |

| Cir          | im       | ı          |         |         |                                   | Da   |                    |  |  |          |  | ן ה          | Cia      | I             |          | _ |              |            | Dar          |                    |                |  |  | _ |
|--------------|----------|------------|---------|---------|-----------------------------------|--|--------------------|--|--|----------|--|--------------|----------|---------------|----------|---|--------------|------------|--------------|--------------------|----------------|--|--|---|
| ۳            | $\Box$   | ١,         | J       | Т       | 1                                 | Da   | ie.                | _  | 1  | _        | _  |              | Cla      |               |          | _ | _            |            | Dat          | e                  |                | _  |  | Т |
| Final        | Dulginal | 78. Nº 01. |         |         |                                   |  |                    |  |  |          |  |              | Final    | Original      |          |   |              |            |              |                    |                |  |  |   |
| 厂            | नि       | Ũ          | 7       | +-      | t                                 | t  | H                  | <del> </del>                                     | <del>                                     </del> | H        | $\vdash$   | -            | =        | 51            | $\dashv$ |   |              | <u> </u>   | H            | <del> </del>       | $\vdash$       | $\vdash$   | <del> -</del>                                | t |
| $\vdash$     | 2        | 0          | +       | +       | H                                 | $\vdash$   | ┢                  | <del>                                     </del> | ┢  | $\vdash$ | +-   |              |          | 52            |          | - | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$           | H              | <del>                                     </del> | $\vdash$                                     | H |
| -            | 3        | 0          | +       | +       | ╁╌                                | $\vdash$   | H                  | $\vdash$   | ┢  | ┝        | ⊢  | -            | -        | 53            | _        | _ |              | -          | H            | ├                  | $\vdash$       | Н  | <del> </del>                                 | ŀ |
| $\vdash$     | 4        | V          | ᠰ       | +       | 1                                 | ┢  | ┢                  | ├  | $\vdash$   | ₩        | -  | <b> </b>     | -        | 54            | -        |   |              | H          | ⊢            | <del> </del>       | H              | -  | <del> </del>                                 | ł |
| $\vdash$     | 5        | ۱          | ╁       | ╁╴      | 1                                 | $\vdash$   | H                  | -  | <del> </del> —                                   | ┢        | $\vdash$   | 1            | _        | 55            | -        |   | ┝            | -          | H            | ┝                  | H              | Н  | ├  | ł |
| ┢            | 6        | H          | ╁       | +       | ╁                                 | ╁  | ╁                  | $\vdash$   | ┢  | -        | ├-   | ┨            | _        | 56            | $\dashv$ |   | $\vdash$     | $\vdash$   |              |                    | H              | ┝  | ┢  | ł |
|              | 7        | H          | ╁       | +       | +                                 | ╁╴   | $\vdash$           | ⊢  | ┢  | ┢        | ⊢  |              | -        | 57            | $\dashv$ |   | ┢            | -          |              | ⊢                  | -              | $\vdash$   | ⊢  | ŀ |
| ┢            | 8        | H          | +       | ╁       | T                                 | 1  | t                  | -  | ╁  | H        | ┢  | ┧┟           |          | 58            | ᅥ        |   | -            | -          | $\vdash$     | ┢                  |                | Н  | ⊢  | ł |
| $\vdash$     | 9        | H          | +       | 十       | ╁                                 | 1  | -                  | ╁  | ⊢  | $\vdash$ | $\vdash$   | ┨            | _        | 59            |          |   | $\vdash$     | $\vdash$   |              | -                  | -              | $\vdash$   | ├—   | ł |
| 一            | (10      | K          | +       | †       | ✝                                 | <del>                                     </del> | ╁                  | -  | $\vdash$   | H        | -  | 1            | _        | 60            | $\dashv$ |   | $\vdash$     | ┢          |              | $\vdash$           | H              |  | ┝  | ł |
| ┢            | 11       | 6          |         | 1       | +-                                | ╁  | H                  | ┢  | ├  | $\vdash$ | ┢  | l            | _        | 61            |          |   | $\vdash$     | ┢          | _            | -                  | $\vdash$       | H  | ⊢  | ŀ |
| ┢            | 12       | 0          |         | +       | $\vdash$                          | $\vdash$   | ╁                  | H  | ┢  | ┢        | <del>                                     </del> | 1 1          |          | 62            |          |   | $\vdash$     | ┢┈         | -            | $\vdash$           | $\vdash$       | -  | ⊢  | ł |
| <u> -</u>    | 13       | _          | -       | 7.      | +                                 | $t^-$  | $\vdash$           | H  | $\vdash$   | +        | $\vdash$   | 1 1          | -        | 63            | $\dashv$ | _ | $\vdash$     | -          | $\vdash$     | $\vdash$           | $\vdash$       | <del> </del>                                     | $\vdash$                                     | t |
| -            | 14       | -          | _       | +       | +                                 | +  | $\vdash$           | H  | $\vdash$   | +        | $\vdash$   | -            | -        | 64            | $\dashv$ |   |              | $\vdash$   | $\vdash$     | $\vdash$           | <del>  -</del> | H  | $\vdash$                                     | t |
| $\vdash$     | 15       | ΗŤ         | +       | +       | ╁                                 | 1  | H                  | $\vdash$   | 1  | $\vdash$ | $\vdash$   | -            |          | 65            | $\dashv$ |   | $\vdash$     | $\vdash$   | -            | $\vdash$           | $\vdash$       | <u> </u>   | -  | t |
| $\vdash$     | 16       | H          | ┿       | +       | +                                 | ╁  | ┢                  | t  | H  | $\vdash$ | ╁╌   | i I          |          | 66            | ᅱ        |   | H            | H          | -            |                    | _              |  | ╁  | ł |
| $\vdash$     | 17       | Ħ          | +       | +       | +                                 | ╁  | ╁                  | 1  | H  | H        | <del> </del>                                     | 1 -          |          | 67            | $\dashv$ |   | $\vdash$     | -          |              |                    | $\vdash$       | ├  | ┢  | ł |
| $\vdash$     | 13       | 7          | ╈       | +       | +-                                | +-   | $\vdash$           | H  | $\vdash$   | ┢┈       | <del> </del>                                     | 1            |          | 68            | $\dashv$ |   | $\vdash$     |            | ┝            | ⊢                  | ╁╌             | -  | ⊢  | ł |
| ╟            | 19,      | H          | ┿       | +       | ╁                                 | $\vdash$   | ┢                  | -  | ┢  | ┢        | H  | -            |          | 69            | $\dashv$ |   | ⊢            | $\vdash$   | -            | ├—                 | 1—             | ⊢  | ├╌   | ł |
| Ή—           | 20       | Н          | ╁       | +       | ╁                                 | ╁  | $\vdash$           | H  | ┢  | ┢╌       | ╁  | <del> </del> |          | 70            | -        |   | -            | $\vdash$   | $\vdash$     | ⊢                  | -              | <u> </u>   | ┢  | ł |
| <u> </u>     | 21       |            | +       |         | +                                 | $\vdash$   | ┢                  | <del> </del> —                                   | ⊢  | ⊢        | ┝  | -            |          |               |          |   | -            |            |              | <u> </u>           | <u> </u>       | <u> </u>   | _  | ŀ |
| ⊩            | 22       | H          | +       | +       | ╀                                 | ├  | ┞                  | -  | -  | ⊢        | ļ  | <b>∤</b> }   |          | 71            |          |   | ⊢            | ļ          | <u> </u>     | <u> </u>           | <u> </u>       |  | <u>                                     </u> | ŀ |
| ⊢            | 23       | V          | ╁       | +       | ╄                                 |  | ┢                  | $\vdash$   | ⊢  | ⊢        | ├  | <b>!</b>     |          | 72<br>73      |          |   | $\vdash$     |            | ļ            | _                  |                |  | <u> </u>                                     | ļ |
| ┢            | 24       | H          | +       | +-      | ╁                                 | ├  | ⊢                  | ⊢  | ⊢  | ┝        |  | -            |          | 74            | $\dashv$ |   | <u> </u>     | ├          |              | H                  | ⊢              | ļ  |  | ŀ |
| $\vdash$     | 25       | H          | ┿       | Ø.      | -                                 | ⊢  | ├                  | ├—   | ┝  | ┝        | ┢  | {            |          | 75            | $\dashv$ |   | $\vdash$     | ├-         |              | H                  | ┝              |  |  | ł |
|              | 26       | ├          | ╁       | +-      | ╁                                 | ├  | ├                  | ⊢  | ⊢  | ├        |  | -            |          | 76            | $\dashv$ |   |              | <b> </b>   |              | ⊢                  | ļ              |  | ├-   | ŀ |
|              | 27       | ⊢          | +       | +-      | +-                                | ⊢  | -                  |  | ├  | ⊢        | -  | <b> </b>     | _        | -             | $\dashv$ |   | <del> </del> | <u> </u>   | _            | <u> </u>           | -              | $\vdash$   | L  | ļ |
| -            | 28       | ┝          | +-      | +       | -                                 | ┢  | ┝                  | ⊢  | ├─   | ⊢        | ┝  | <del> </del> | _        | 77<br>78      |          |   |              | ┝          |              | <del> </del>       |                |  |  | ł |
|              | 29       | ⊢          | +       | +       | ╁╾                                | ⊢  | -                  |  | ├  | -        | $\vdash$   | <del> </del> |          | 79            | $\dashv$ |   |              |            | <u> </u>     | $\vdash$           | -              | -  | _  | ł |
| -            | 30       | ┝          | +       | -       | ╁                                 | ⊢  | -                  | ⊢  | -  | ₩        | $\vdash$   | -            |          | $\overline{}$ | $\dashv$ |   | ├            |            | <u> </u>     |                    | H              | $\vdash$   | ⊢  | ł |
|              | 31       | ┝          | +       | +       | ╁                                 |  | -                  |  | ⊢  | <b>├</b> | ┢  | -            |          | 80            | $\dashv$ |   | <u> </u>     | <b> </b> - | <u> </u>     | _                  | <u> </u>       | $\vdash$   | _  | ŀ |
| -            | 32       | ⊢          | ╁       | +-      | -                                 | -  | ├                  | -  | ⊢  | ⊢        | ⊢  | <b>!</b>     |          | 81            |          |   | _            | <u> </u>   | <u> </u>     |                    | Ш              | $\vdash$   | <u> </u>                                     | ŀ |
| $\vdash$     | 33       | $\vdash$   | +       | +       | +                                 | $\vdash$   | ├                  | ├—   | $\vdash$   | $\vdash$ | -  | <b> </b>     | _        | 82<br>83      |          |   | $\vdash$     | ├          | <del> </del> | -                  | $\vdash$       | <u> </u>   | <u> </u>                                     | ł |
| <u> </u>     | 34       | $\vdash$   | +       | +       | <del> </del>                      | Ͱ  | $\vdash$           | $\vdash$   | ├  | ├        | $\vdash$   | { }          | $\dashv$ | $\rightarrow$ | -        |   | $\vdash$     | <u> </u>   | H            | -                  | $\vdash$       | ш  | _  | ŀ |
| $\vdash$     | 35       | $\vdash$   | +       | +-      | $\vdash$                          | $\vdash$   | ├                  | ├  | $\vdash$   | $\vdash$ | $\vdash$   | -            | -        | 84<br>85      | -        |   | -            | $\vdash$   |              | $\vdash$           | $\vdash$       | <b>-</b> -                                       | <u> </u>                                     | ł |
| $\vdash$     | 36       | $\vdash$   | +       | +       | $\vdash$                          | ├-   | -                  | $\vdash$   | $\vdash$   | $\vdash$ | -  |              | _        | 86            | $\dashv$ |   | $\vdash$     | $\vdash$   | -            | $\vdash$           | $\vdash$       |  | $\vdash$                                     | H |
| 1            | ,,       | $\vdash$   | ╀       | ┿       | 1                                 | $\vdash$   | ┢                  | -  | $\vdash$   | $\vdash$ | -  |              | -        | 87            | $\dashv$ |   | _            | -          | -            | ⊢                  | H              |  | <u> </u>                                     | ł |
| H            | 38       | -          | +       | +       | +-                                | ╁╌   | $\vdash$           | ┢  | ├  | -        | $\vdash$   | -            |          | 88            | -        | _ | $\vdash$     | <u> </u>   | H            | <del> </del>       | $\vdash$       | $\vdash$   | ├-   | ł |
| $\vdash$     | 39       | -          | +       | +       | +-                                | $\vdash$   | $\vdash$           | $\vdash$   |  | -        | $\vdash$   |              | -        | 89            | -        |   | H            | H          | H            | -                  | $\vdash$       | $\vdash$   | H  | ŀ |
| <del> </del> | 40       | $\vdash$   | +       | +-      | $\vdash$                          | $\vdash$   | $\vdash$           | ├  | $\vdash$   | $\vdash$ | -  | -            | _        | $\rightarrow$ |          |   | _            | H          | <u> </u>     |                    | $\vdash$       | $\vdash$   | ļ  | ŀ |
| ⊢            | 1        | -          | +       | +-      | $\vdash$                          |  | $\vdash$           | <u> </u>   | <u> </u>   | $\vdash$ | <u> </u>   | -            |          | 90            |          | _ | <u> </u>     |            | <u> </u>     | <u> </u>           | Ш              | $\vdash$   | <u> </u>                                     | Ļ |
| $\vdash$     | 41       | _          | ╀       | $\perp$ | $\vdash$                          | <u> </u>   | _                  | _  | _  | L        |  |              |          | 91            | _        |   |              | Ш          | oxdot        | <u> </u>           | Ш              | igspace  | L  | L |
| <u> </u>     | 42       | <u> </u>   | $\perp$ | $\perp$ | ऻ_                                | _  | <u> </u>           | <u> </u>   | <u> </u>   | _        | _  |              | _        | 92            | _        |   | Щ            | Ш          | $\sqcup$     | <u> </u>           | Ш              | $\sqcup$   | L  | L |
| <u> </u>     | 43       | _          | $\perp$ | ┼-      | _                                 | <u> </u>   | <u> </u>           | _  | <u> </u>   | _        | _  |              |          | 93            | _        |   | Ц            |            | Ш            | L.                 |                | Ш  | L  | L |
| <u> </u>     | 44       | <u> </u>   | $\perp$ | 1       | _                                 | $oxed{oxed}$                                     | $oxed{oxed}$       | <u> </u>   | _  | _        | _  | l L          |          | 94            |          |   |              |            |              | L_                 |                | Ш  |  | L |
| <u> </u>     | 45       | _          | 1       | _       | $oxed{oldsymbol{oldsymbol{eta}}}$ | $\vdash$   | <u> </u>           | <u> </u>   | _  | L        | _  |              |          | 95            | $\perp$  |   |              | Ш          | Ш            | <u> </u>           | Ш              | $\square$  | L  | L |
|              | 46       | L          | $\perp$ | 1_      | <u> </u>                          |  |                    | _  | <u> </u>   | _        |  | L            |          | 96            | _        |   |              |            |              | $oxedsymbol{oxed}$ |                | Ш  |  | Ĺ |
| 匚            | 47       | L          | $\perp$ | $\perp$ | $oxed{oxed}$                      |  |                    | _  |  | Ĺ        |  |              |          | 97            | [        |   |              |            |              | L                  |                |  |  | Ĺ |
| <u> </u>     | 48       | L          |         |         | L                                 | _  | 匚                  |  | $\Box$   | L        |  | [            |          | 98            |          |   |              |            |              |                    |                |  |  | Ĺ |
|              | 49       | L          | L       |         | oxdot                             | _  | $oxedsymbol{oxed}$ |  | $oxedsymbol{oxed}$                               | Ĺ        |  | [            |          | 99            |          |   |              |            |              |                    |                |  |  | Ĺ |
| L_           | 50       | _          | L       |         | 匚                                 | L_   |                    |  |  | <u> </u> | <u> </u>   | L            | _]       | 100           |          |   |              |            | لــا         |                    |                |  |  | Ĺ |

| Cla   | ıim               |   |          |  |  | Da   | te       |          |          |          |    |
|-------|-------------------|---|----------|--|--|--|----------|----------|----------|----------|----|
| Final | Original          |   |          |  |  |  |          |          |          |          |    |
| _     | 101               | _ |          | H  | -  | $\vdash$   |          | -        | $\vdash$ | $\vdash$ | -  |
| _     | 102               |   | $\vdash$ |  | <u> </u>   |  |          | $\vdash$ | ┢        | $\vdash$ |    |
|       | 103               | _ |          | $\vdash$   | <u> </u>   | <u> </u>   |          |          |          | H        | -  |
| _     | 104               |   |          |  |  |  |          | _        |          | Г        | _  |
|       | 105               |   |          |  |  |  |          |          |          |          |    |
|       | 106               |   |          |  |  |  |          |          |          |          |    |
|       | 107               |   |          | 匚  | 匚  | L  |          |          |          |          |    |
|       | 108               |   | <u> </u> | L  | <u> </u>   | L_   |          | _        | _        | L        | Ľ. |
|       | 109               |   | _        | <u> </u>   | _  | <u> </u>   | <u> </u> | ļ        |          | L        | _  |
| _     | 110<br>111        |   |          | L  | <u> </u>   |  |          | <u> </u> |          | L        |    |
|       | 112               |   | <u> </u> | ├—   | ⊢  | ⊢  | H        |          |          | _        | -  |
|       | 113               |   | -        | _  |  | ├  | -        | $\vdash$ | ┝        |          |    |
|       | 114               |   |          | ⊢  | ⊢  |  | -        | ⊢        |          | _        |    |
| _     | 115               |   | $\vdash$ | ┢╌   | -  | -  | H        |          | -        | -        |    |
|       | 116               |   | H        | -  | 1  | <del> </del>                                     |          |          |          | -        | _  |
|       | 117               |   | _        | ┢  | 一  | ┢  | -        | $\vdash$ |          | -        |    |
|       | 118               | _ |          |  |  |  |          |          |          | _        |    |
|       | 119               |   |          |  | _  | <del>                                     </del> |          | $\vdash$ | i –      |          | _  |
|       | 120               | _ |          |  | Г  | Г  |          |          | _        |          |    |
| _     | 121               |   |          | <del>                                     </del> |  |  | <u> </u> | $\vdash$ |          |          |    |
|       | 122               |   |          |  |  |  |          |          |          |          |    |
|       | 123               |   |          |  |  |  |          |          |          |          |    |
|       | 124               |   |          |  |  |  |          |          |          |          |    |
|       | 125               |   |          |  |  | L  |          |          |          |          |    |
|       | 126               |   | <u> </u> | L  | <u> </u>   | _  |          |          | L_       |          |    |
|       | 127               |   | <u> </u> | _  | <u> </u> _                                       | <u> </u>   | <u> </u> |          |          |          |    |
| _     | 128               |   | ļ        | <u> </u>   | ┡  |  | ļ        |          | <u> </u> | ļ.,      |    |
|       | 129               | _ |          | _  | _  | <u> </u>   |          | _        | _        | <u> </u> | _  |
|       | 130<br>131        | _ |          | $\vdash$   | $\vdash$   |  |          |          | ├        | <u> </u> |    |
|       | 132               | _ | _        | $\vdash$   | $\vdash$   |  | <u> </u> |          | -        | H        | -  |
|       | 133               |   |          | $\vdash$   | $\vdash$   | ┝  | <u>-</u> |          | ┢        | -        |    |
|       | 134               | _ | $\vdash$ | $\vdash$   | -  | -  | $\vdash$ | $\vdash$ | -        | $\vdash$ |    |
|       | 135               |   |          | -  | $\vdash$   |  | ┢        |          |          | H        | -  |
|       | 136               |   | Г        | _  | <del>                                     </del> |  |          | <u> </u> | Г        |          |    |
|       | 137               |   |          |  |  |  |          |          | Г        | Г        |    |
|       | 138               |   |          |  |  |  |          |          |          |          |    |
|       | 139               |   |          |  |  |  |          |          |          |          |    |
|       | 140               |   |          | L  | L  |  |          |          | Ĺ        |          |    |
|       | 141               |   |          |  | Ĺ  |  |          |          |          |          |    |
|       | 142               |   |          |  |  |  |          |          |          |          |    |
|       | 143               |   |          | $\Box$   |  | Ĺ  |          | Ŀ        | Щ        |          |    |
| _     | 144               |   |          | L  | L  |  |          |          |          | Ц        |    |
| _     | 145               |   |          | <u> </u>   | L  |  |          | Ш        | L        | Ц        | Ľ  |
| _     | 146               |   |          |  | _  | Ц  |          |          |          |          |    |
| _     | 147               |   |          |  | L  | L  | L        |          |          | Ш        |    |
| ۱     | 148<br>149<br>150 | - |          | <u> </u>   | -  |  | Н        | <u> </u> | $\vdash$ | Щ        |    |
| 4     | 149               | - | _        | <u> </u>   | <u> </u>   | Н  | Щ        | ├        | $\vdash$ | Н        |    |

If more than 150 claims or 10 actions staple additional sheet here